ABSTRACT

An enterprise server for communication for a supervisory control and data acquisition (SCADA) system, comprising: configurable server software running on memory in a computer; a configurable server interface adapted to receive at least one client request from at least one client

5   application for specific device status data and providing those requests to the server software; a configurable protocol interface with the server software for building a message for the specific device using a device protocol; a configurable connection interface for connecting to the specific device and enabling the message to be transmitted to the specific device and receiving the specific device status data from the specific device and transmitting the status data to the server

10   interface using the device protocol; and caching the status data on the memory in the computer as cached data from the configurable server interface.